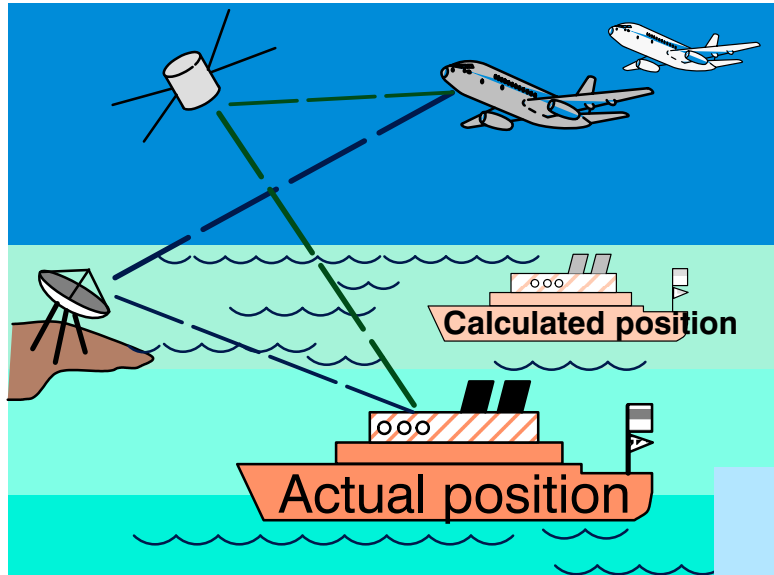


Effects on Radio-Navigation and Communications



Precision GPS and LORAN signals are adversely affected by a varying ionosphere.



Communications can break down in critical areas and times:

- Desert Storm
- Alaska
- Satellite pagers and Cellular Phones

Over-the-horizon radars are also degraded by ionospheric variation.

